

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-024531**Date Inspected:** 20-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC) Changxing Island **Location:** Shanghai, China**CWI Name:** N/A**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Vikram Singh was present during the times noted above for observations relative to the work being performed at ZPMC.

NDT

Bay 14

The following Non Destructive Testing (NDT) inspection carried out as per the ZPMC submitted Notification No 09533.

Ultrasonic Testing (UT)

This QA inspector performed Ultrasonic Testing (UT) of approximately 10% of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated an UT report for this date. The member is identified as OBG 14E. The weld designations reviewed is as follows:

SEG3019W-004, 006, 008, 010

SEG3019AJ-048, 049, 053, 054, 058, 059, 063, 064, 069, 076, 080, 081, 085, 114, 118, 092

SEG3019BB-011, 012, 033, 034, 055, 056, 077, 078, 099, 100, 121, 143, 144, 165, 166, 187

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

SEG3019AX-006, 011, 016, 021

SEG3019AA-001

SEG3019AB-001

SEG3019X-003, 010

SEG3019Z-003, 070, 016, 023, 036, 040, 041, 078, 088, 073, 042, 047

SEG3019L-095

SEG3019M-081

SEGG3019J-099

SEG3019S-172, 176, 180

SEG3019B-003, 004, 006

SEG3019A-019, 020, 021, 022, 027

BLAST INSPECTION

Blast Shop-C

OBG Lift 13E

This Quality Assurance (QA) Inspector performed random visual inspection (VT) of internal surfaces of architectural housing, East Ceiling areas from PP120~PP121.5 and West section floor from PP120~122.5 of OBG Lift 13E, Areas requiring additional grinding were marked by QA and repaired by ZPMC personnel.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.

Summary of Conversations:

No relevant conversations were reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact James Devey-15000026784, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

Inspected By: Singh, Vikram

Quality Assurance Inspector

Reviewed By: Riley, Ken

QA Reviewer